





CONSTR<sup>N</sup> PROFILE & DECKS

SS NORFOLK MARU

Kobe Rpt No 3308



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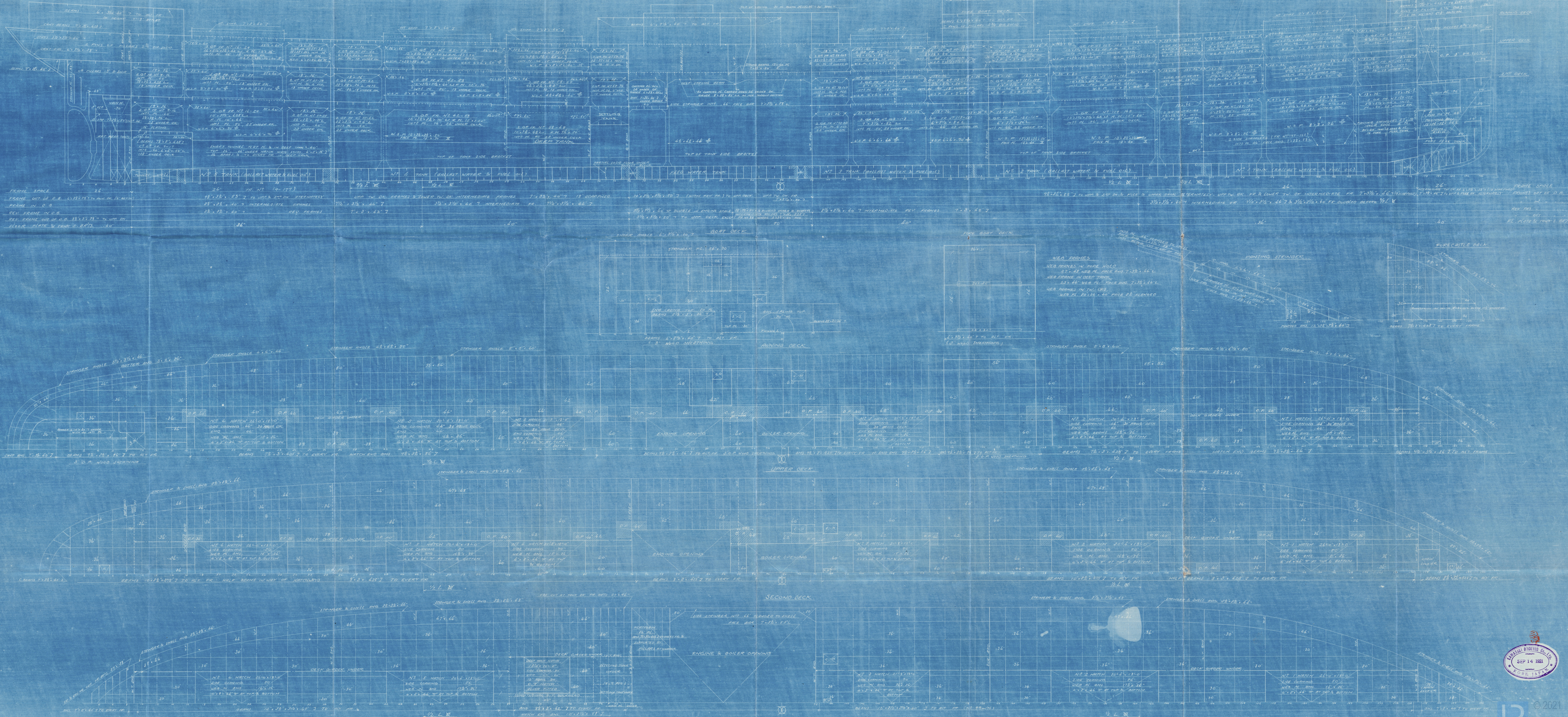
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No 478

# CONSTRUCTION PROFILE & DECK PLANS

SCALE 1/8" = 1'-0"





MIDSHIP SECTION.

KASAKI. YD. N° 478

$\frac{3}{5}$  NORFOLK MARU.

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# No478

## MIDSHIP SECTION.

SCALE  $\frac{1}{2}" = 1' - 0"$

TO CLASS TEISHINSHO RULE 1<sup>ST</sup> CLASS VESSEL &  
LLOYD'S 100 A1 WITH FREE BOARD.

PRINCIPAL DIMENSIONS	
LENGTH BETWEEN P. P.	485' - 0"
BREADTH MOULDED	37' - 0"
DEPTH	37' - 0"
HEIGHT BETWEEN UP. & AW. DKS	31' - 0"
" " " " " " " "	9' - 6"
" " " " " " " "	6' - 3"

SCANTLING NUMBERS	
3	33
D	29
TRANS. NS	32
L	33
LONG. NS	33
UP. TR. AW. DK	10.75
AW. " " "	25.5
" " " " " " " "	15.11

FORGING & CASTINGS	
STEM OF ROLLED MILD STEEL	10 1/2" x 2 3/4"
STERN FR. PROP. POST	10 1/2" x 7 1/2"
RUDDER	9" x 7 1/2"
RUDDER FRAME OF CAST STEEL AS PER DETAIL PLAN.	

EQUIPMENT NUMBER	
LONGITUDINAL NUMBER	= 33,210
ERECTOR'S (445 x 8 x 75) + (3165 x 6 x 75) =	2,577.62
DECK HOUSES (26 x 52) x 25 x 0.5 =	2,052.50
(4.25 x 8.75 + 4.496 x 7.75) x 0.5 =	2,445.31
NUMERICAL	= 26,325.33
EQUIPMENT	
3 BOWER ANCHORS (STOCKLESS)	61 C.W.T. EACH
1 STREAM ANCHOR (COMMON)	172 " " " "
1 KEDGE	75 " " " "
2 1/2" STUD CHAIN CABLE	270 FATHOMS
4 1/2" STEEL WIRE FOR STREAM ANCHOR	20 " " " "
5 " " " " " " " "	120 " " " "
2 COILS OF 8" MANILLA	50 " " " "
" " " " " " " "	50 " " " "

ROWS OF RIVETS IN BUTT	
ITEMS	ENDS
PLANNING DK. STRINGER PLATE	2
" " PLATING	3
UPPER " STRINGER PLATE	3
" " PLATING	2
SECOND " STRINGER PLATE	1
" " PLATING EXCEPT TOP OF DEEP TANK	1
SHEER STRAKE	4
STRAKE BELOW SHEER STRAKE	4
WIDE PLATING OF SHELL	3
BOTTOM " " "	4
KEEL PLATE	4
MIDDLE STRAKE OF INNER BOTTOM PLATING	3
INNER BOTTOM PLATING	2
MARGIN PLATE	3
CENTRE GIRDER	3
FORECASTLE DK. STRINGER PLATE	2
" " PLATING	2

RIVETING	
ITEMS	INCHES IN ITS DIA.
FRAME TO SHELL	7/8 IN. PEAK & DEEP TANKS; 5/8 IN. DIA. BOTTOM BEFORE 3/4 L. MARK IN MACH. SPACE
FRAME TO FLOORS IN ACT. PEAK	5/8
REINFORCING	5/8
" " " " " " " "	7/8
BUTTS OF SHELL PLATE	3/8, 4 IN. 4.00 BUTT LAP
SEAM " " "	5/8 IN. 6.00 BUTT LAP; 7/8 IN. 6.00 BUTT LAP; 7/8 IN. 6.00 BUTT LAP; 7/8 IN. 6.00 BUTT LAP
DK. PLATE TO BMS	3/8
BUTTS OF STRINGER PL.	3/8
EDGES " " "	4
SHOULDER ANG.	4 1/2
DK. STR.	7
DOUBLE BOTTOM	7
BUTTS OF MARGIN PL. & CENTRE GIRDER	4
BUTTS & EDGES OF INNER BOTTOM PL.	4 1/2
MARGIN ANG.	4 1/2
KEEL	5
FLOOR PL. TO FR. & REV. FR.	7
VERTICAL ANG. ON CE. GR. AT ENDS	5
" " " " " " " "	7
ANG. AT TOP OF CENTRE GIRDER	7/8, 5 WHERE CE. GR. M.T.
TOP & BOTTOM ANG. ON SIDE GIRDER	5/8 IN. 6.00 BETWEEN FRG.
BUTTS & EDGES OF AND PL.	5/8 EXCEPT BOUNDARY ANG. OF DEEP TANK
BULKHEAD BOUNDARY ANGLES	5, 4 1/2 FOR SINGLE RIV. ANGLES
SIDE STR.	5, 4 1/2 FOR SINGLE RIV. ANGLES
FACE ANGLE	EXCEPT IN DEEP TANK WHERE 6
" " " " " " " "	4 RIV. IN 6.00 BETWEEN FRG.
W.S. PILLARS & GIRDERS EXCEPT GIRDER TO DK.	7
INTERCOSTAL PL. OF DK. GIRDERS TO DK.	5
SHELL PL. TO STEM & STERN FRAME	5

W. T. BULKHEADS.  
7 IN. NUMBER EXTEND TO UPPER DECK  
EXCEPT COLLISION & RET. END OF DEEP TANK  
WHICH FORMER EXTEND TO ANN. DK. & LATER  
EXTEND TO SECOND DK.  
BULKHEAD STIFFENERS AS IN FOLLOWING TABLE:

FRAME NO.	HOLD	LOWER TWEEN DECK	UPPER TWEEN DECK
FR. NO. 9	7' x 3' - 4" x 8' - 0" x 24"	8' x 3' - 32" x 30"	30"
" " 35	9' x 3' - 32" x 35" x 30"	" " " "	" " " "
" " 58	9' x 3' - 32" x 35" x 24"	" " " "	" " " "
" " 74	" " " "	5' x 3' - 32" x 30"	30"
" " 78	" " " "	" " " "	" " " "
" " 167	10' x 3' - 32" x 35" x 30"	" " " "	" " " "
" " 177	10' x 3' - 32" x 35" x 24"	5' x 3' - 32" x 30"	24"
ENDS	8' x 3' - 40" x 7"	" " " "	" " " "
IN DEEP TANK	" " " "	" " " "	" " " "

